CCR No. *98-0025*	Logged Date *1/8/98*	Rev. _	Request Type *ECR*

Priority	Routine ☐	Urgent ☑	Emergency ☒	Affected Release	Change Class */N*

Title (description) Need additional Sun machine for MSS custom servers in the EDF

Documents Affected	**Source Nos** (RID, NCR, Action Item, GSFC CCR, etc.) or **Tech Reference**

RTM Change ☐ **Start New Baseline** ☐

Problem

Due to the fact that most MSS custom code has been moved to the Sun platform, the single MSS Sun development machine, mss1, is unable to meet all of the MSS needs. When rebooting the machine this morning, there was not enough memory available to start all of the DCE servers.

The main problem seems to be the Sybase dataserver, which uses about 130MB (mss1 has 246MB of memory available). According to David Marquette, the server is using so much memory because of the large number of databases which it supports (it is only used by SmartStream, which has a large number of databases). The DCE servers were able to be started once this process was killed.

Proposed Solution

Provide an additional Sun machine for MSS development and integration activities. MSS COTS packages that run on the Sun platform (such as SmartStream, XRP-II, ClearCase, and DDTS) would remain on mss1.

Impact Analysis:

Organizations Affected:

	BOO ☐	Contracts ☐	ECS Chief Eng ☐	FOS ☐	M&O ☐
Procurement ☐	QO ☐	Rel. Dev ☐	Rel. A ☐	Rel. C ☐	SCDO Arch. ☐
Science Off ☐	Security ☐	Subcontrct ☐	Sys. Eng ☐	Sys Verf Acpt ☐	

Cost:

	None ☒	Small ☐	Medium ☐	Large ☐
		(Not exceeding $100,000)	($100,000 to $500,000)	(Over $500,000)

Schedule: None ☐   Other

Additional LOC _____   Man-Months _____

Materials

Originator Lou Swentek	Signature	1/7/98 Date
Office Release B Office Manager	Susan E. Fitzhugh Signature	1/7/98 Date

Disposition Approved ☑   Approved w/Comment ☐   Forward ☐   Disapproved ☐

Comments:

CCB Chairperson _____ Signature   1/8/98 Date

ORIGINAL